



Product Change Notification / ALAN-03DAXP735

Date:

11-Feb-2022

Product Category:

Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4957 Initial Notice: Qualification of MTAI as a new final test location for selected SST39LF0xx, SST39LF2xx and SST39VF0xx device families available in various packages.

Affected CPNs:

[ALAN-03DAXP735_Affected_CPN_02112022.pdf](#)
[ALAN-03DAXP735_Affected_CPN_02112022.csv](#)

Notification Text:

PCN Status:Initial Notification

PCN Type:Manufacturing Change

Microchip Parts Affected:Please open one of the files found in the Affected CPNs section.
Note: For your convenience Microchip includes identical files in two formats (.pdf and .xls)

Description of Change:Qualification of MTAI as a new final test location for selected SST39LF0xx, SST39LF2xx and SST39VF0xx device families available in various packages.

Pre and Post Change Summary:

	Pre Change	Post Change

Final Test Location	King Yuan Electronics Company, Limited (KYE)	Microchip Technology Thailand (HQ) (MTAI)
Tray	No changes. See Pre and Post change comparison.	
Packing Method	No changes. See Pre and Post change comparison.	
Carrier Tape	No changes. See Pre and Post change comparison.	
Cover Tape	Dimensional change. See Pre and Post change comparison.	
Plastic reel	Dimensional change. See Pre and Post change comparison.	

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying MTAI as a new final test location.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:March 2022

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Time Table Summary:

	February 2022				March 2022				
	6	7	8	9	10	11	12	13	14
Workweek									
Initial PCN Issue Date		X							
Qual Report Availability					X				
Final PCN Issue Date					X				

Method to Identify Change:Traceability code

Qualification Plan:Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History:February 11, 2022: Issued initial notification.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachments:

[PCN_ALAN-03DAXP735_Pre and Post Change.pdf](#)

[PCN_ALAN-03DAXP735_Qual Plan.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

Terms and Conditions:

If you wish to [receive Microchip PCNs via email](#) please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

If you wish to [change your PCN profile, including opt out](#), please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

SST39LF010-55-4C-WHE
SST39LF020-55-4C-WHE
SST39LF040-55-4C-WHE
SST39LF040-55-4C-WHE-A3
SST39LF040-55-4C-WHE-A3-T
SST39LF200A-55-4C-EKE
SST39LF200A-55-4C-EKE-T
SST39LF200A-55-4C-B3KE
SST39LF200A-55-4C-B3KE-T
SST39VF010-70-4C-WHE
SST39VF010-70-4C-WHE-T
SST39VF010-70-4I-WHE
SST39VF010-70-4I-WHE-T
SST39VF020-70-4C-WHE
SST39VF020-70-4I-WHE

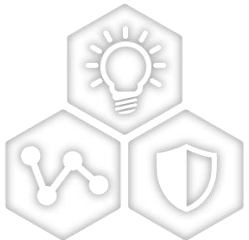
CCB 4957

Pre and Post Change Summary

PCN# ALAN-03DAXP735



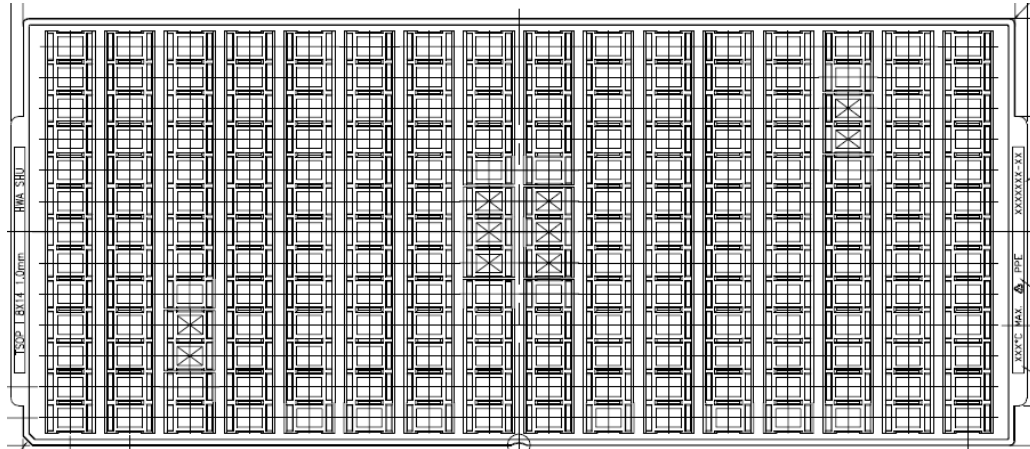
A Leading Provider of Smart, Connected and Secure Embedded Control Solutions



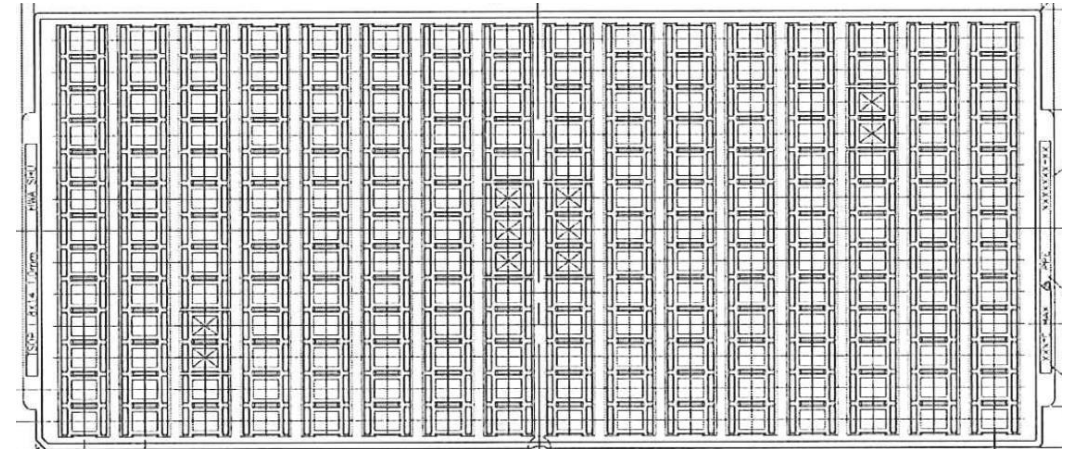
SMART | CONNECTED | SECURE

Tray for TSOP 32L (8x14mm)

KYE



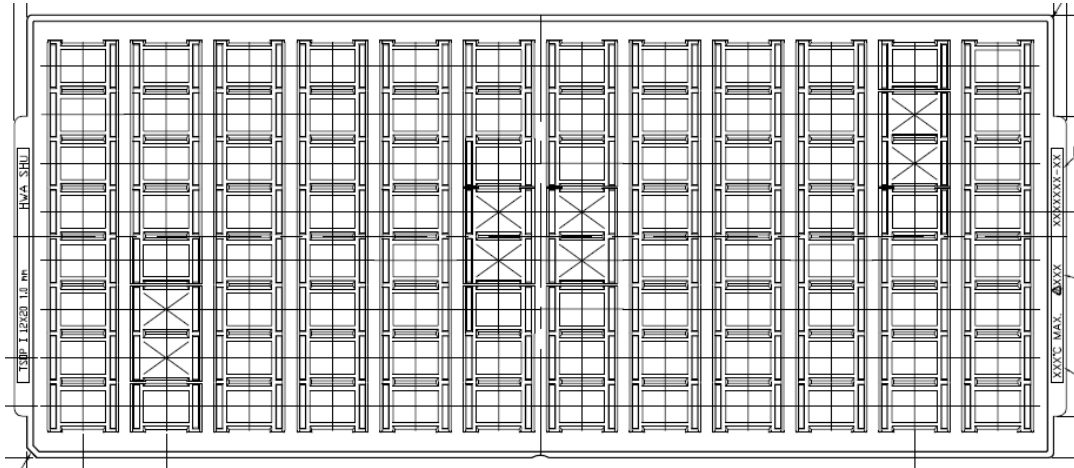
MTAI



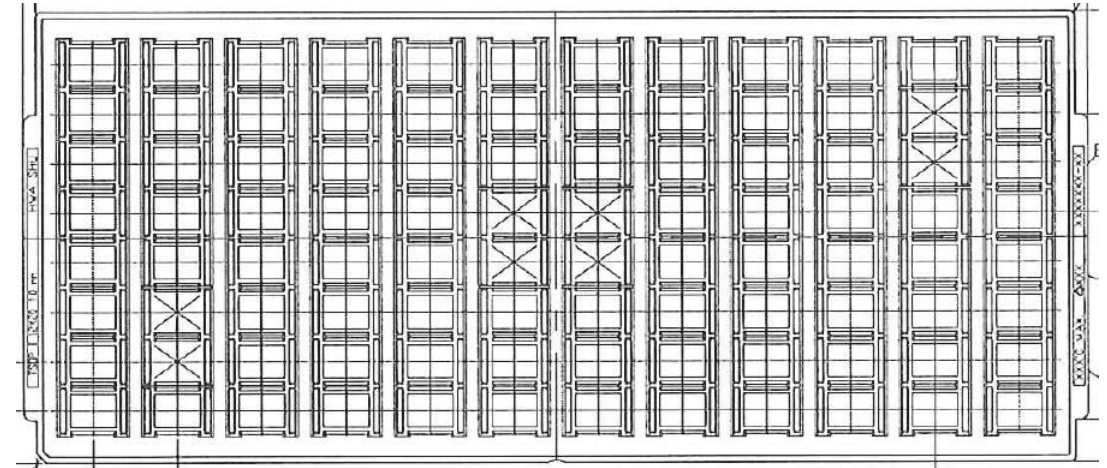
Plant	Row	Col	Unit per Tray	Color	Tray Stack
MTAI	13	16	208	Black	10+1
KYE	13	16	208	Black	10+1

Tray for TSOP 48L (12x20mm)

KYE



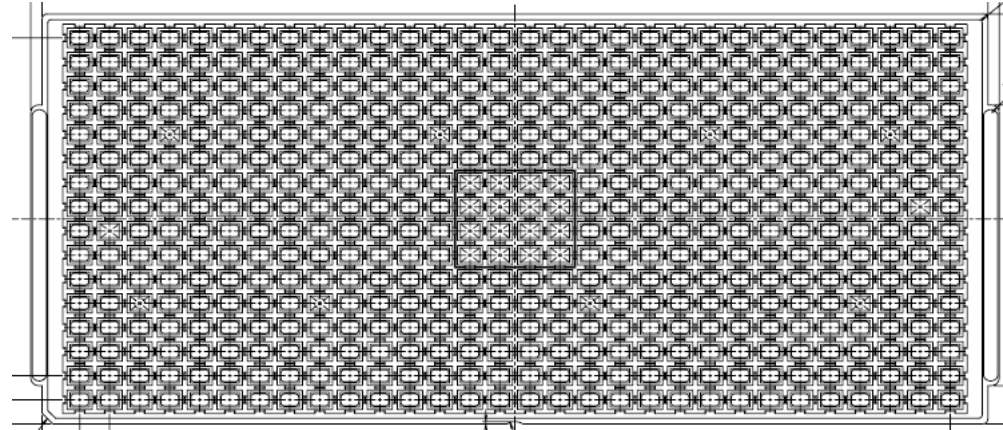
MTAI



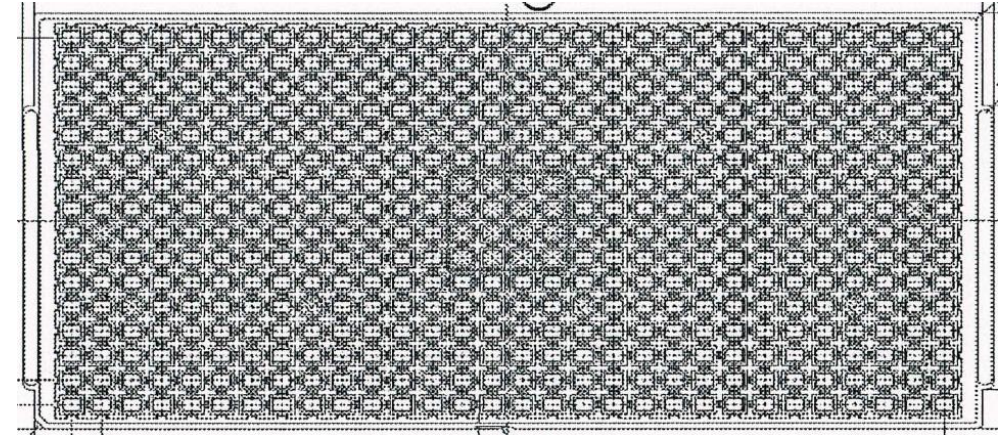
Plant	Row	Col	Unit per Tray	Color	Tray Stack
MTAI	8	12	96	Black	10+1
KYE	8	12	96	Black	10+1

Tray for TFBGA 48L (6x8x1.2mm)

KYE



MTAI



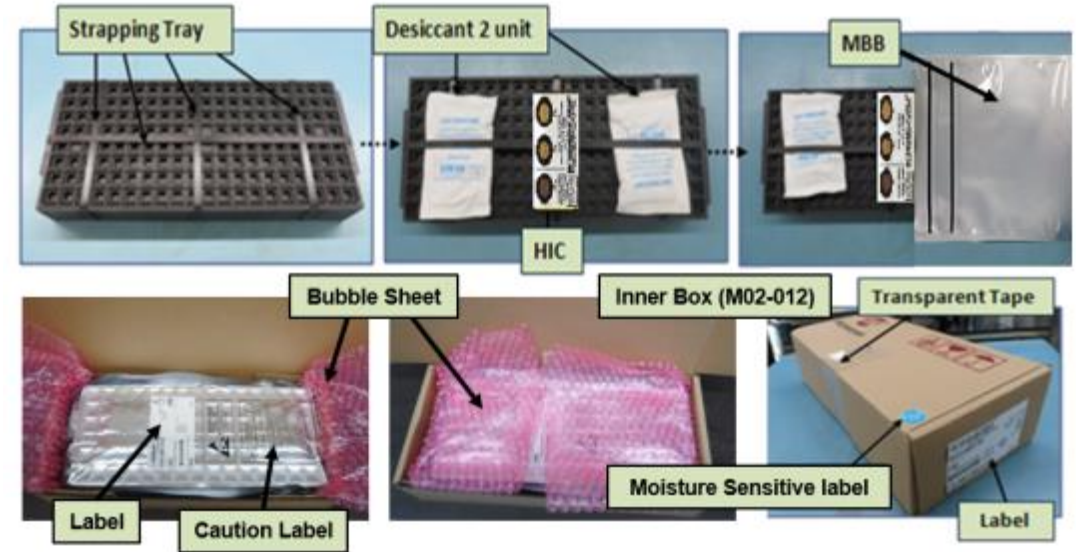
Plant	Row	Col	Unit per Tray	Color	Tray Stack
MTAI	16	30	480	Black	10+1
KYE	16	30	480	Black	10+1

Tray Packaging Method

KYE



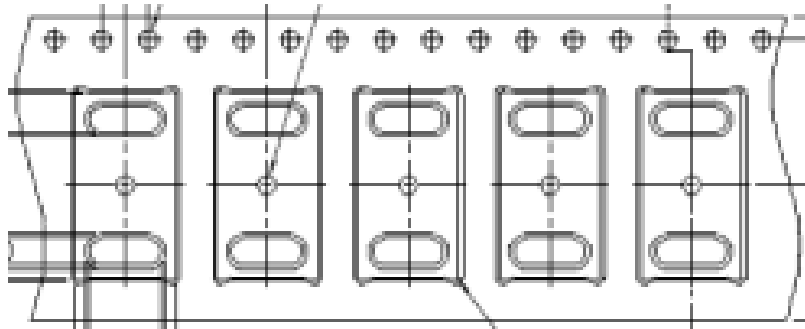
MTAI



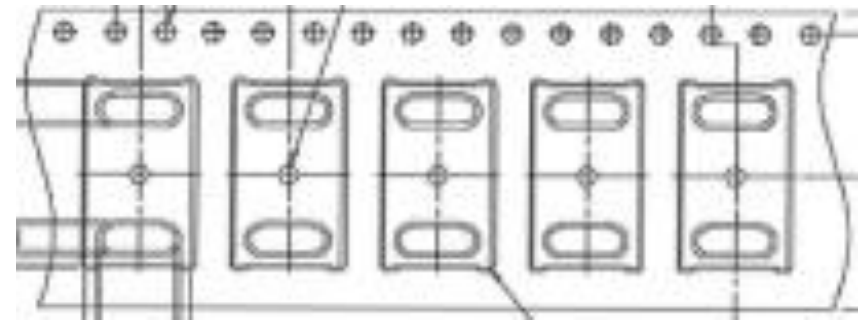
Plant	Desiccant	Humidity Indicator Card
MTAI	2 units	1 pcs
KYE	2 units	1 pcs

Carrier Tape for TSOP 32L (8x14mm)

KYE



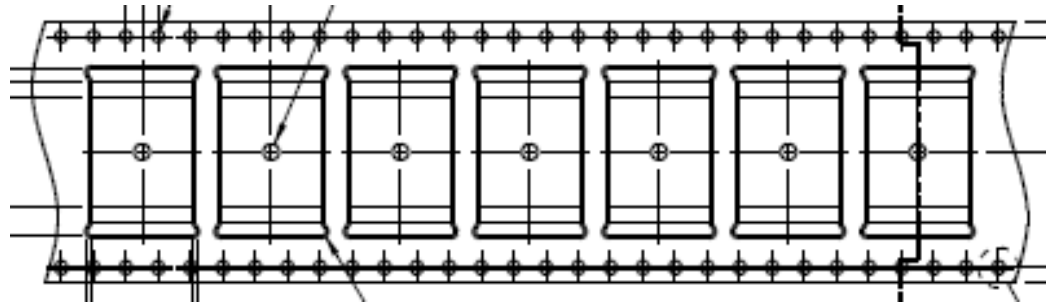
MTAI



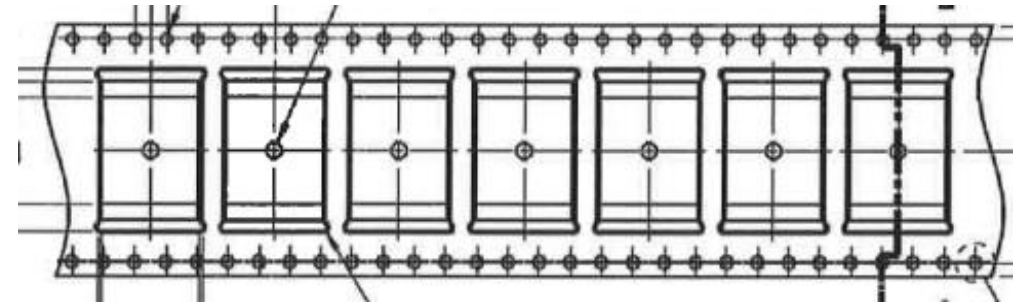
Plant	W (mm.)	P (mm.)	A0 (mm.)	B0 (mm.)	K0 (mm.)	K1 (mm.)	Thickness	BQM	Pin1
MTAI	24.00	12.00	8.60	14.50	1.80	1.30	0.30	1500	Quadrant 2
KYE	24.00	12.00	8.60	14.50	1.80	1.30	0.30	1500	Quadrant 2

Carrier Tape for TSOP 48L (12x20mm)

KYE



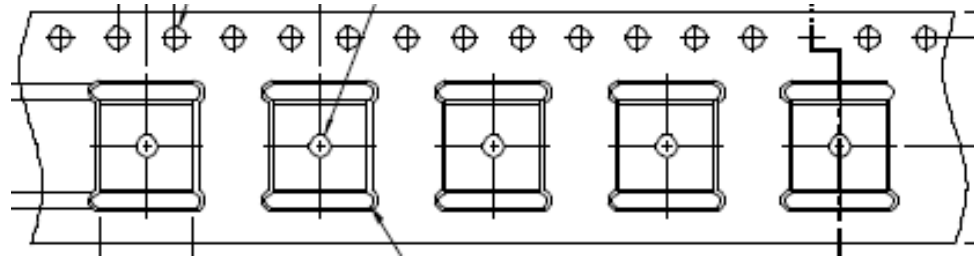
MTAI



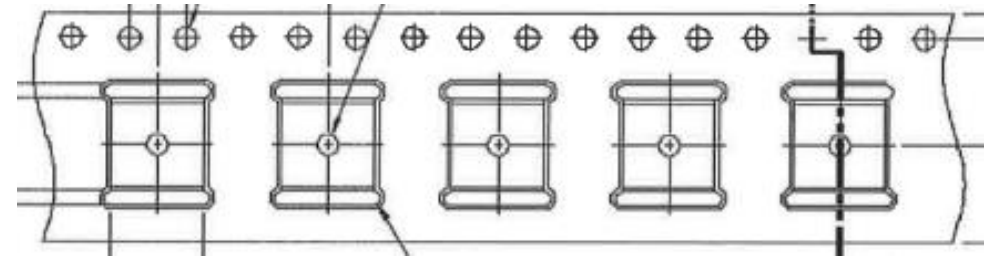
Plant	W (mm.)	P (mm.)	A0 (mm.)	B0 (mm.)	K0 (mm.)	K1 (mm.)	Thickness	BQM	Pin1
MTAI	32.00	16.00	12.50	20.60	2.10	1.30	0.30	1000	Quadrant 2
KYE	32.00	16.00	12.50	20.60	2.10	1.30	0.30	1000	Quadrant 2

Carrier Tape for TFBGA 48L (6x8x1.2mm)

KYE



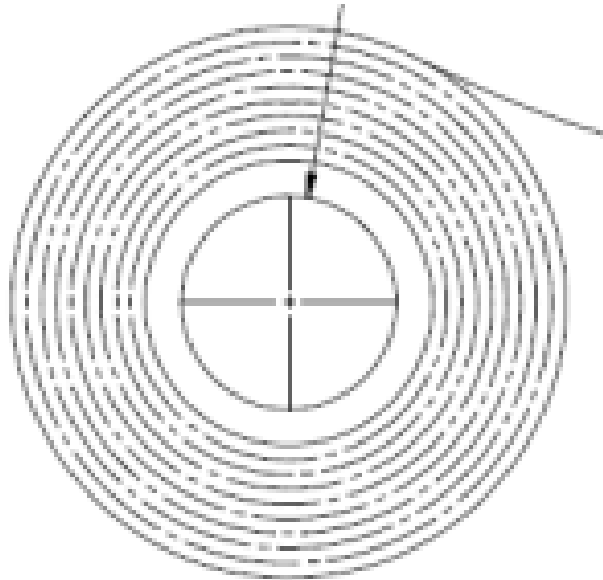
MTAI



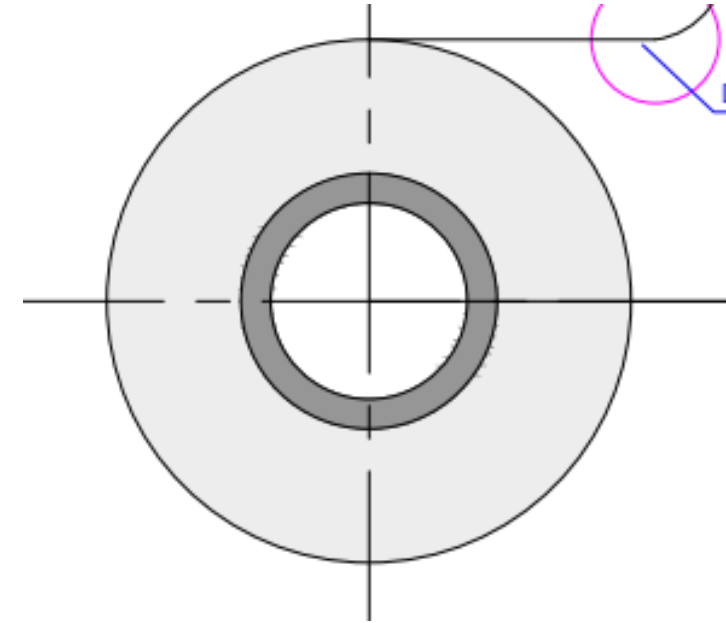
Plant	W (mm.)	P (mm.)	A0 (mm.)	B0 (mm.)	K0 (mm.)	K1 (mm.)	Thickness	BQM	Pin1
MTAI	16.00	12.00	6.50	8.50	2.10	1.30	0.30	2500	Quadrant 1
KYE	16.00	12.00	6.50	8.50	2.10	1.30	0.30	2500	Quadrant 1

Cover Tape for TSOP 32L (8x14mm)

KYE



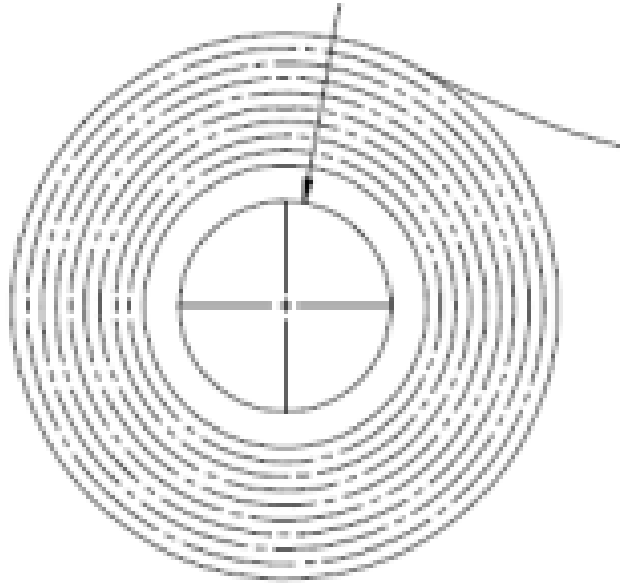
MTAI



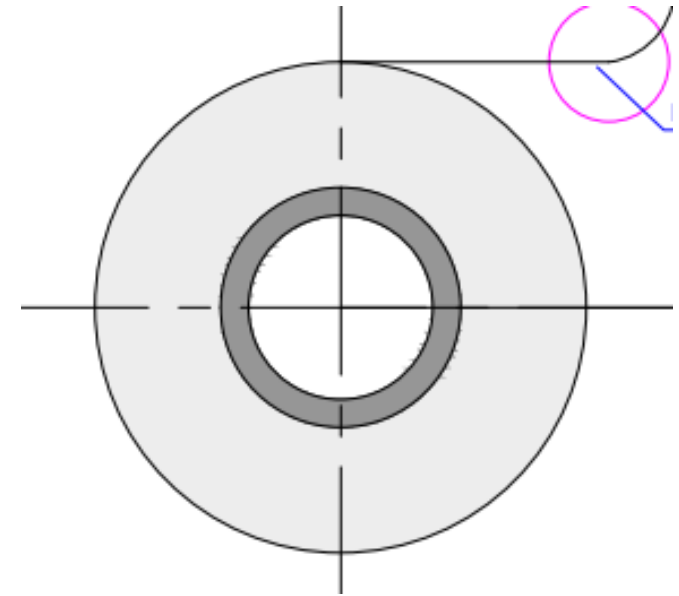
Plant	Width W (mm.)	Thickness T (mm.)	Color	Sealing Methodology
MTAI	21.0	0.050	Clear	Heat Seal
KYE	21.3	0.048	Transparent	Heat Seal

Cover Tape for TSOP 48L (12x20mm)

KYE



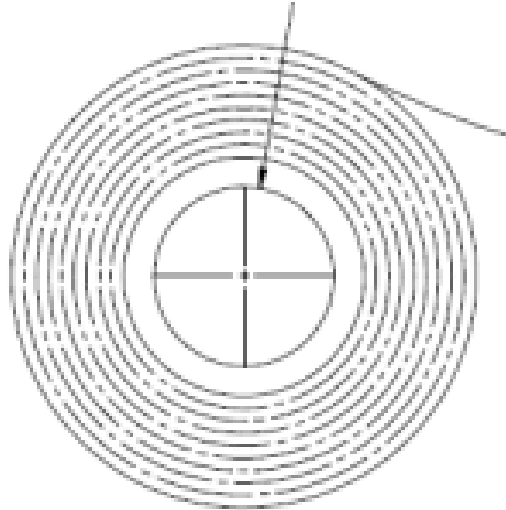
MTAI



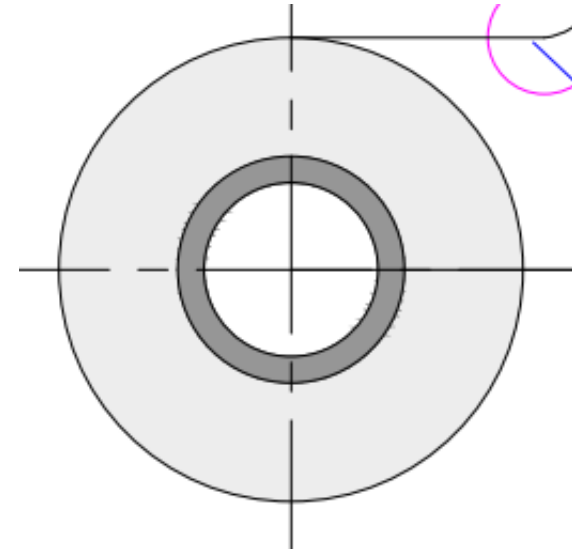
Plant	Width W (mm.)	Thickness T (mm.)	Color	Sealing Methodology
MTAI	25.5	0.050	Clear	Heat Seal
KYE	25.5	0.056	Transparent	Heat Seal

Cover Tape for TFBGA 48L (6x8x1.2mm)

KYE



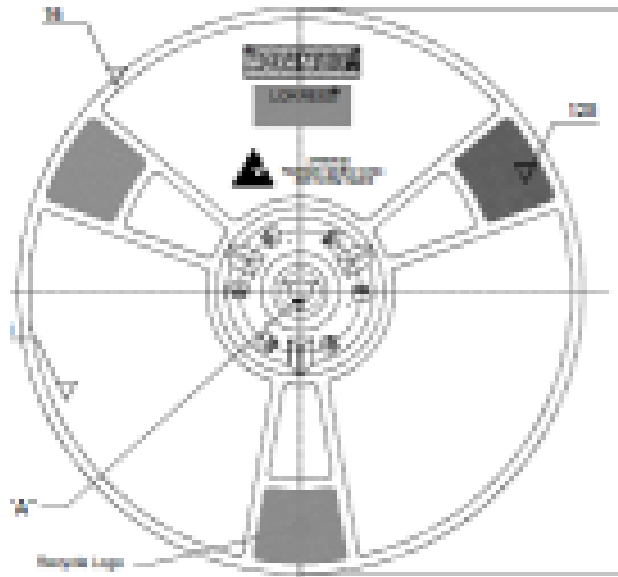
MTAI



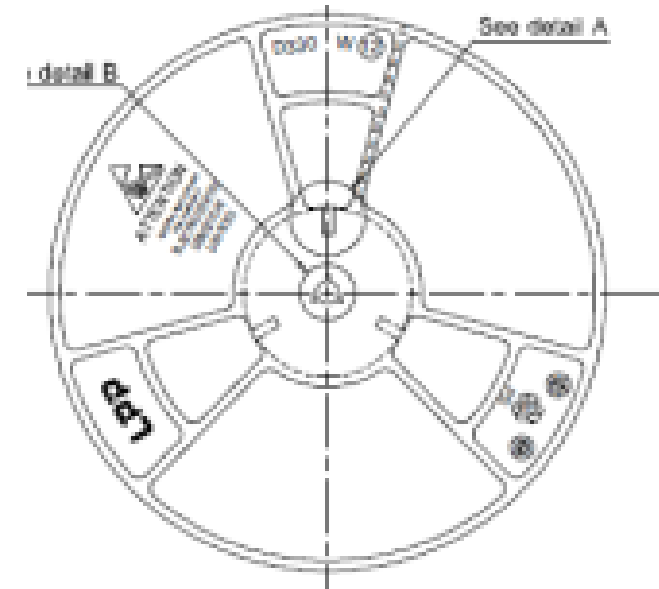
Plant	Width W (mm.)	Thickness T (mm.)	Color	Sealing Methodology
MTAI	13.3	0.050	Clear	Heat Seal
KYE	13.3	0.048	Transparent	Heat Seal

Plastic Reel for TSOP 32L (8x14mm)

KYE



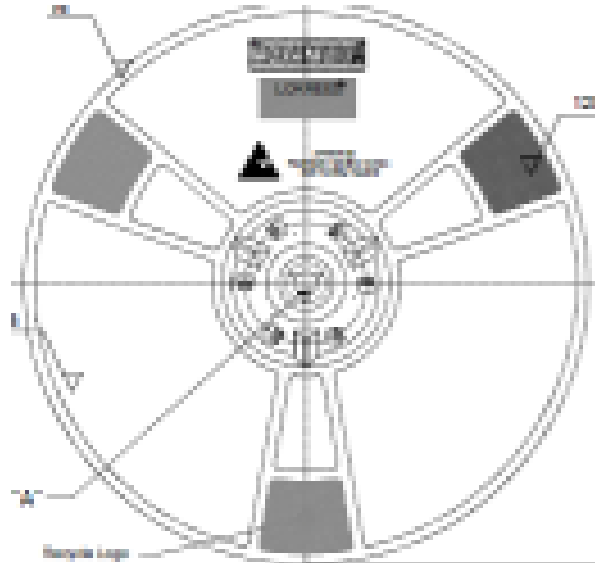
MTAI



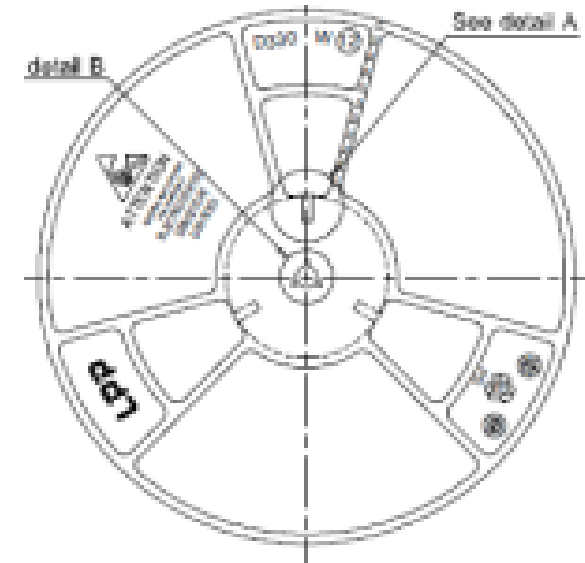
Plant	Reel Diameter (mm.)	Reel Hub Size (mm)	Reel Width Max (mm.)	Color
MTAI	330	100	30.4	Dark Blue
KYE	330	102	30.2	Regrind Blue

Plastic Reel for TSOP 48L (12x20mm)

KYE



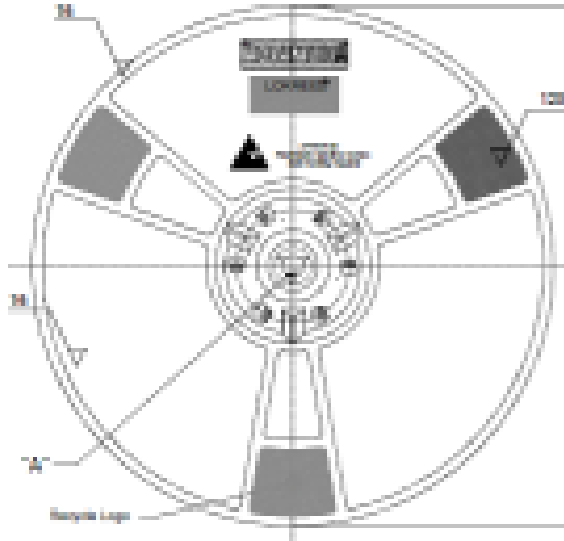
MTAI



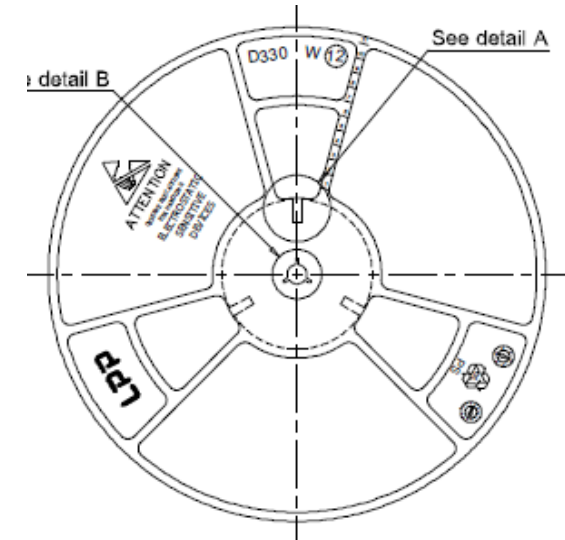
Plant	Reel Diameter (mm.)	Reel Hub Size (mm)	Reel Width Max (mm.)	Color
MTAI	330	100	38.4	Dark Blue
KYE	330	102	38.2	Regrind Blue

Plastic Reel for TFBGA 48L (6x8x1.2mm)

KYE



MTAI



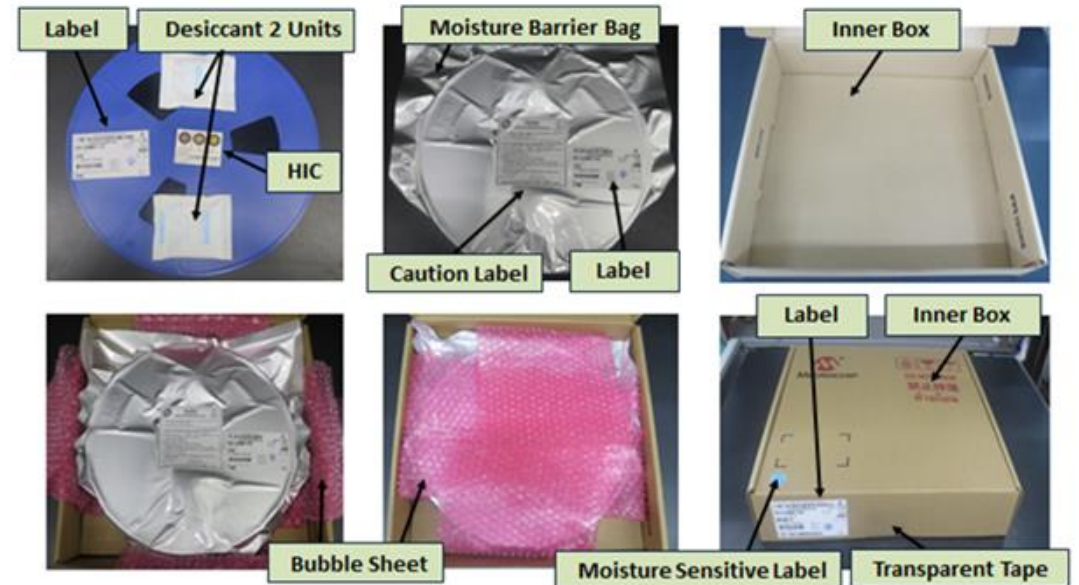
Plant	Reel Diameter (mm.)	Reel Hub Size (mm)	Reel Width Max (mm.)	Color
MTAI	330	100	22.4	Dark Blue
KYE	330	102	22.2	Regrind Blue

Tape and Reel Packing Method

KYE



MTAI



Plant	Desiccant	Humidity Indicator Card
MTAI	2 units	1 pcs
KYE	2 units	1 pcs



MICROCHIP

QUALIFICATION PLAN SUMMARY

PCN# ALAN-03DAXP735

**Date:
December 21, 2021**

**Qualification of MTAI as a new final test location for selected
SST39LF0xx, SST39LF2xx and SST39VF0xx device families
available in various packages.**

Purpose: Qualification of MTAI as a new final test location for selected SST39LF0xx, SST39LF2xx and SST39VF0xx device families available in various packages.

CCB# 4957

Test	Parameters
Full Correlation	Lot size is <5K. FT: Within 0.1% yield difference or PE/TE approval based on acceptable data. All rejects must be verified with matching bin-to-bin results for both test sites or with acceptable data. QC: 100% yield, any rejects must be verified.